

# Claims

- [c1] 1. An operating method of a portable computer security mechanism in which the portable computer is equipped with an embedded controller (EC), and the EC is equipped with a security mechanism, which comprises: providing a key that provides a key signal to allow the EC to learn whether the portable computer is locked; turning on the security mechanism while the EC receives the key signal indicating that the portable computer is locked; determining whether a hacking action is take place; and activating a security action in responding to the hacking action.
- [c2] 2. The operating method of claim 1, wherein the security mechanism prevents the portable computer from being turned on.
- [c3] 3. The operating method of claim 1, wherein the security mechanism prevents an input from a keyboard.
- [c4] 4. The operating method of claim 1, wherein the security mechanism prevents an input from a mouse.

- [c5] 5. The operating method of claim 1, wherein the security mechanism prevents a basic input/output system (BIOS) data from being changed.
- [c6] 6. The operating method of claim 1, wherein the key is an internal device or an internal function of the portable computer.
- [c7] 7. The operating method of claim 1, wherein the key is an external device or an external function of the portable computer.
- [c8] 8. The operating method of claim 1, wherein the key signal is a binary signal.
- [c9] 9. The operating method of claim 1, wherein a related follow-up procedure of a security function takes place when a hacking action is detected by the security mechanism.
- [c10] 10. The operating method of claim 9, wherein the related follow-up procedure turns off the portable computer.
- [c11] 11. The operating method of claim 9, wherein the related follow-up procedure turns off a monitor device of the portable computer.
- [c12] 12. The operating method of claim 9, wherein the related follow-up procedure executes a security program.

